

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art. Unit : 1638
Examiner : D. T. Fox
Serial No. : 09/079,640
Filed : May 15, 1998
Inventors : Henry Daniell
Title : UNIVERSAL CHLOROPLAST
INTEGRATION AND
: EXPRESSION VECTOR,
: METHOD OF USE AND
: TRANSFORMED PLANTS



22469

PATENT TRADEMARK OFFICE

Docket: 1018-00 (922-6588P)
Confirmation No.: 8567

Dated: December 10, 2002

BOX RCE
Commissioner for Patents
Washington, DC 20231

Sir:

Certificate of Mailing Under 37 CFR 1.8

For

Postcard
\$370.00 (RCE Fee)
\$460.00 Check (Extension of Time Fee)
\$42.00 Check (Add'l Claim Fee)
Request for Continued Examination (RCE) Transmittal
Claim of Extension of Time, in duplicate
Amendment Transmittal Letter, in duplicate
Amendment
Copies of Three (3) Articles

RECEIVED

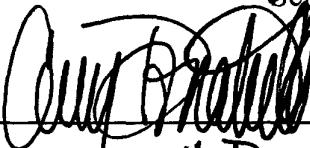
DEC 18 2002

TECH CENTER 1600/2900

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Box RCE, Commissioner for Patents, Washington, DC 20231, on the date appearing below.

Name of Applicant, Assignee, Applicant's Attorney
or Registered Representative:

Schnader Harrison Segal & Lewis
Customer No. 022469

By: 

Date: 10 December 2002



#30
attach

Attorney Docket No.: 1018-00

TECH CENTER 1600/2900

RECEIVED
DEC 18 2002

Application of Henry Daniell

Serial No.: 09/079,640

Filed: May 15, 1998

For: UNIVERSAL CHLOROPLAST INTEGRATION AND EXPRESSION VECTOR,
METHOD OF USE AND TRANSFORMED PLANTS

COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- Small entity status of this application under 37 CFR §1.9 and §1.27 has been established by a verified statement previously submitted.
- A verified statement to establish small entity status under 37 CFR §1.9 and §1.27 is enclosed.
- No additional fee is required.

The fee has been calculated as shown below:

(Col. 1)

(Col. 2) (Col. 3)

SMALL ENTITY

OTHER THAN
SMALL ENTITY

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PRE- VIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	29	-	** 31 =	0
INDEP.	18	-	** 17 =	1
First presentation of multiple dependent claim				

RATE	ADD'L FEE
x 9=	\$
x42=	\$42.00

OR

RATE	ADD'L FEE
x18=	\$
x84=	\$

TOTAL ADDITIONAL FEE \$42.00 OR \$ _____

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

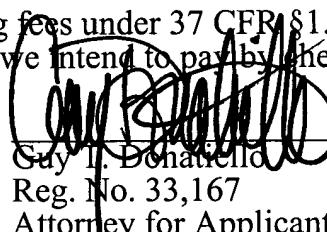
RECEIVED

DEC 18 2002

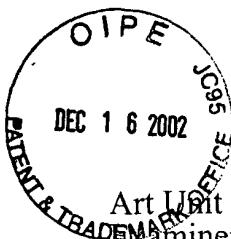
TECH CENTER 1600/2900

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- Please charge my Deposit Account No. 13-3405 in the amount of \$ _____.
A duplicate copy of this sheet is enclosed.
- A check in the amount of \$42.00 is attached.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.
 - Any filing fees under 37 CFR §1.16 for the presentation of extra claims.
 - Any patent application processing fees under 37 CFR §1.17 with the exception of the Issue Fee which we intend to pay by check.


Guy T. Donatiello
Reg. No. 33,167
Attorney for Applicant(s)

GTD:dh
(215)563-1810



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1638
Examiner : D. T. Fox
Serial No. : 09/079,640
Filed : May 15, 1998
Inventors : Henry Daniell
Title : UNIVERSAL CHLOROPLAST
: INTEGRATION AND
: EXPRESSION VECTOR,
: METHOD OF USE AND
: TRANSFORMED PLANTS



22469

PATENT TRADEMARK OFFICE

Docket: 1018-00 (922-6588P)
Confirmation No.: 8567

Dated: December 10, 2002

#30
Amendment F
RECEIVED
DEC 18 2002
TECH CENTER 1600/2900

AMENDMENT

BOX RCE
Commissioner for Patents
Washington, DC 20231

Sir:

RECEIVED

DEC 18 2002

TECH CENTER 1600/2900

In response to the Official Action dated June 17, 2002, Applicants have added new Claims 214-215. No new matter has been added. Please amend the application as follows:

Marked-Up Version Showing Changes Made to the Claims

Please amend the claims as follows:

190. (Three Times Amended) A universal integration and expression vector competent for stably transforming the chloroplast genome of higher plant species which comprises an expression cassette which comprises, operably joined, a heterologous DNA sequence coding for a peptide of interest and control sequences positioned upstream from the 5' and downstream from the 3' ends of the coding sequence to provide expression of the coding sequence in the chloroplast genome of a target higher plant, and flanking each side of the expression cassette, chloroplast DNA sequences which originate from a plant species different from the target plant, said chloroplast sequences being conserved in all higher plants and complementary to the corresponding chloroplast sequences of the target plant, which chloroplast sequences are also competent of to undergo homologous recombination with said complementary sequences, whereby stable integration of the heterologous coding sequence into the chloroplast genome of the target plant is facilitated by said homologous

PHDATA:1027021 v1

12/17/2002 ANNDATE1 00000085 09079640
42.00 0P
02 FC:2201